



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/069,521	03/05/2002	Yukiko Katoh	020273	9431
23850	7590	03/14/2006	EXAMINER	
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K STREET, NW SUITE 1000 WASHINGTON, DC 20006				TRAN, TRANG U
ART UNIT		PAPER NUMBER		
		2614		

DATE MAILED: 03/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/069,521	KATOH, YUKIKO
Examiner	Art Unit	
Trang U. Tran	2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 06 February 2006.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-15 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) 2-9 and 11-15 is/are allowed.

6) Claim(s) 1 and 10 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5) Notice of Informal Patent Application (PTO-152)

6) Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on February 06, 2006 has been entered.

Response to Arguments

2. Applicant's arguments with respect to claims 1 and 10 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kono Shigeru et al (JP Publication No. 2000-106657) in view of the admitted prior art (Fig. 10, pages 1-9 of the Specification).

In considering claim 1, Kono Shigeru et al discloses all the claimed subject matter, note 1) the claimed a first selector that selects a broadcast signal for display of a video is met by the TV tuner 3 (Fig. 7, page 3, [0020] and page 5, [0048]-[0053]), 2) the

claimed a second selector that selects a broadcast signal for output of a sound is met by the AM tuner 14 or the FM tuner 10 (Fig. 7, page 3, [0020]-[0032] and page 5, [0048]-[0053]), 3) the claimed third selector that selects a broadcast signal for display of program link information is met by is met by the TV tuner 3 or external-information equipment 20 (Fig. 7, page 3, [0020]-[0032] and page 5, [0048]-[0062]), 4) the claimed a receiver that receives the broadcast signals selected by said first selector as a first broadcast signal, selected by said second selector as a second broadcast signal and selected by said third selector as a third broadcast signal is met by the image detector circuit 4 and the image-processing 5 for the video signal, the FM detector 11 and the noise cut/multiplexer 12 for the audio signal, the text decoder 26 for the link information (Fig. 7, page 3, [0020]-[0032] and page 5, [0048]-[0062]), 5) the claimed a signal extractor that extracts a video signal from the first broadcast signal, a sound signal from the second broadcast signal and program link information from the third broadcast signal received by said receiver is met by the image detector circuit 4 and the image-processing 5 for the video signal, the FM detector 11 and the noise cut/multiplexer 12 for the audio signal, the text decoder 26 for the link information (Fig. 7, page 3, [0020]-[0032] and page 5, [0048]-[0062]), 6) the claimed a display device that displays as a video the combined video signal output from said combiner is met by the display device 6 (Fig. 7, page 3, [0020]-[0032]), and 7) the claimed a sound output device that outputs as a sound the sound signal extracted by signal extractor is met by the speaker 17 (Fig. 7, page 3, [0020]-[0032]).

However, Kono Shigeru et al explicitly do not disclose the claimed a combiner that combines the video signal and program link information signal extracted by said signal extractor with each other and outputs the combined video signal.

the admitted prior art (Fig. 10, pages 1-9 of the Specification) teaches that the synthesizing processor 60 synthesizes the video signal applied from the video decoder 92 and the drawing data of program link information applied from the program link information drawing data producer 59 and displays a synthetic video signal on the display device 95, the display device 95 outputs the applied synthetic video signal as a video (Fig. 10, page 4, line 6 to page 6, line 5 of the Specification).

Therefore, it would have been obvious to one ordinary skill in the art at the time of the invention to incorporate the synthesizing processor as taught by the admitted prior art (Fig. 10, pages 1-9 of the Specification) into Kono Shigeru et al's system in order to provide the television receiver which a viewer can simultaneously view a video and program link information and can listen to a sound signal.

Claim 10 is rejected for the same reason as discussed in claim 1.

Allowable Subject Matter

5. Claims 2-9 and 11-15 are allowed.
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trang U. Tran whose telephone number is (571) 272-7358. The examiner can normally be reached on 8:00 AM - 5:30 PM, Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Ometz can be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TT
March 8, 2006



Trang U. Tran
Examiner
Art Unit 2614